

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(superabsorbent adj polymer) and "508".clas. and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/11 10:27
S3	39	S2 and lubrica\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/11 10:56
S4	1	"6734147".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/11 10:57
S8	39	S7 and lubrica\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:43
S6	5	S5 and lubrica\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:43
S5	15	(superabsorbant adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:43
S2	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:43
S9	4	S6 not S8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:45
S13	0	aquakeep and "508".clas. and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:46
S12	0	aquasorb and "508".clas. and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:46
S11	0	aridall and "508".clas. and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:46
S19	5	aquakeep and lubrica\$8 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:48
S17	0	stockosorb and lubrica\$8 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:48
S16	0	(agri adj gel) and lubrica\$8 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:48
S15	0	(agri adj gel) and "508".clas. and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:48

## EAST Search History

S14	0	stockosorb and "508".clas. and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:48
S22	4	aridall and lubrica\$8 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:49
S21	9	aquasorb and lubrica\$8 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:49
S24	153	(thallium adj thorium)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:54
S23	18	S19 or S21 or S22	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:54
S26	12	(thallium adj thorium adj copper adj silver)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:55
S25	17	(thallium adj thorium adj copper)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 10:56
S27	91	hydrogel and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:09
S29	20	xerogel and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:10
S30	17	S29 and polymer\$2	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:42
S34	0	S7 and (cobalt adj chloride)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:44
S33	0	S7 and (tungsten adj disulfide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:44
S32	0	(superabsorbent adj polymer) and (molybdenum adj disulfide) @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:44
S31	14	(superabsorbent adj polymer) with copolymeriz\$5 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:44
S7	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:44

## EAST Search History

S44	3	S7 and asbestos	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S43	3	S7 and borax	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S42	0	S7 and (lead adj iodide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S41	0	S7 and (cadmium adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S40	0	S7 and (silver adj sulfate)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S39	0	S7 and (lead adj monoxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S38	22	S7 and mercury	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S37	0	S7 and (boron adj nitride)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S36	0	S7 and (niobium adj selenide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 11:45
S46	23	S45 and grease	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 14:57
S45	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 14:57
S35	18	S7 and (antimony adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 14:57
S48	18	S45 and (antimony adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 14:58
S47	24	S45 and talc	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 14:58
S51	0	S50 and S45	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:09

## EAST Search History

S50	3648	"mos.sub.2"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:09
S49	22	S47 not S48	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:09
S54	470	S50 and S52	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:10
S53	0	S45 and S52	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:10
S52	4038	(molybdenum adj sulfide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:10
S56	9381	(molybdenum adj disulfide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:11
S55	59	(molydenum adj disulfide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:11
S59	136	S57 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:12
S58	70	S57 and binder	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:12
S57	281	(S50 or S52 or S55 or S56) and (aerogel or xerogel or hydrogel or S45)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 15:12
S61	6	S45 and (zinc adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 16:28
S60	18	S59 and S58	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 16:28
S64	225	524/847-856.cor.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:02
S63	1593	524/847-856.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:02
S62	0	S45 and 524/847-856.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:02

## EAST Search History

S65	0	S64 and superabsorbent	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:03
S66	18	S64 and ((super adj absorbent) or sap or swell\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:04
S70	90	S67 and borax	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:21
S69	407	S67 and talc	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:21
S68	45	S67 and (antimony adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:21
S67	7924	hydrogel and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:21
S28	8	S27 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:21
S77	3	S67 and (lead adj carbonate)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S76	3	S67 and (lead adj monoxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S75	32	S67 and (cadmium adj oxide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S74	0	S67 and (niobium adj selenide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S73	29	S67 and (molybdenum adj sulfide)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S72	142	S67 and mica	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S71	116	S67 and thallium	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:22
S80	40	S69 and S72	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:23

## EAST Search History

S79	3	S69 and S71	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:23
S78	110	S67 and (cobalt adj chloride)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 17:23
S81	75	("3544500"   "3932322"   "3935363"   "3992558"   "4058124"   "4081402"   "4093776"   "4135943"   "4217901"   "4239043"   "4242251"   "4245005"   "4286082"   "4295987"   "4324247"   "4324314"   "4333464"   "4340706"   "4392908"   "4418163"   "4446261"   "4454055"   "4467012"   "4474852"   "4500670"   "4507438"   "4535098"   "4587308"   "4634440"   "4646730"   "4655757"   "4666983"   "4683274"   "4732968"   "4735987"   "4742086"   "4771086"   "4777232"   "4783510"   "4795762"   "4800103"   "4880870"   "4888238"   "4914066"   "4944735"   "4950264"   "4952550"   "4977192"   "4992326"   "5019063"   "5032425"   "5061259"   "5074856"   "5078909"   "5079004"   "5082723"   "5118719"   "5145906"   "5147343"   "5147921"   "5154713"   "5180622"   "5180798"   "5188899"   "5196456"   "5196473"   "5230958"   "5250642"   "5258448"   "5264471"   "5286770"   "5300358"   "Re32649"   "Re33839").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/17 18:27
S82	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 10:43
S83	119	S82 and binder	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 10:47
S85	68	S83 and resin	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 10:50
S87	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 17:13
S86	4	polymerization near wire and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 17:13
S90	0	S89 and fluoroalkylene	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 18:50

## EAST Search History

S89	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 18:50
S88	23	S87 and grease	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 18:50
S91	0	S89 and (hydrocarbon adj wax)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 18:55
S92	147	S89 and polyolefin	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 18:58
S93	132	S89 and (polyolefin \$4polymer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 18:59
S96	0	S89 and phthalocyanine	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:00
S98	3665	S97 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:02
S10 0	128	S99 and polymer	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:03
S99	150	S98 and absorbent	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:03
S97	12234	(copper adj phthalocyanine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:04
S10 2	22	S101 and hydrogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:05
S10 1	3582	phenanthrene and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:05
S10 3	20	hydrogel and fluoroalkylene	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:06
S95	0	S89 and phenanthrine	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:06
S10 8	42	(S102 or S103)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:07

## EAST Search History

S10 6	83	hydrogel and S97	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:07
S10 5	425	hydrogel and phthalocyanine	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:07
S10 4	1	S89 and phenanthrene	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:07
S94	0	S89 and (polyolefin adj \$4polymer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/18 19:07
S10 9	28	(S102 or S103) and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:43
L11	484	(superabsorbent adj polymer) and @ad<"19950707"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:43
L13	0	L11 and (solid adj lubricant)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:44
L12	0	L11 and (organic adj lubricant)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:44
L15	12	14 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:48
L16	23797	hydrogel and (polyethylene)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:54
L14	84	hydrogel and (polyolefin adj \$4polymer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:54
L21	770	19 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:55
L19	3736	16 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:55
L18	376	17 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:55
L17	376	11 and polyethylene	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:55



## EAST Search History

L20	34	18 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:57
L22	9	11 and ptfе	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:58
L24	207	23 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:59
L23	2103	hydrogel and ptfе	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 12:59
L26	98	24 and polymeriz\$5	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:01
L25	50	24 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:01
L28	1	"4153661".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:04
L27	28	25 and 26	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:11
L29	17	flour near lubricant	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:15
L30	4	11 and polyisobutylene	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:17
L35	1	34 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:18
L34	28	32 and absorbent	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:18
L32	127	(paraffinic adj hydrocarbon adj wax)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:19
L38	85	(paraffinic adj wax) and absorbent	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:20
L37	0	(paraffinic adj hydrocarbon adj wax) and aerogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:20

## EAST Search History

L36	17	(paraffinic adj hydrocarbon adj wax) and hydrogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:20
L31	972	(paraffinic adj wax)	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:20
L42	0	gb-05407-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/19 13:28
L41	0	gb-505407-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/19 13:28
L40	0	gb-9505407-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/19 13:28
L39	25	38 and @ad<"19960312"	US-PGPUB; USPAT; USOCR	AND	ON	2006/10/19 13:28
L44	1	1996-414447.NRAN.	DERWENT	AND	ON	2006/10/19 13:29
L45	2	"5049593".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/19 13:37
L43	2	ep-732374-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/19 13:37